UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,670,013 B2
APPLICATION NO. : 10/581490
DATED   : March 2, 2010
INVENTOR(S)   : Ikuo Mimura

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1:

Line 33, "between plane" should read --between a plane--; and
Line 34, "a V-groove vertical a" should read --to a V-groove vertical--.

COLUMN 3:

Line 44, "in" should be deleted; and
Line 50, "improves" should read --solves--.

COLUMN 4:

Line 27, "elements" should read --element--; and
Line 29, "element" should read --elements--.

COLUMN 6:

Line 4, "an" should read --a--;
Line 18, "cc" should read --cube-corner--; and
Line 64, "z,z,z...arranged" should read --z,z,z...) arranged--.
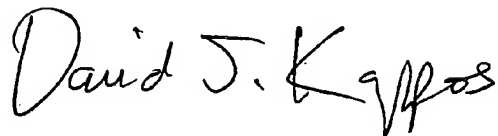
COLUMN 8:

Line 19, "z,z,z...in" should read --z,z,z...) in--.

COLUMN 9:

Line 54, "and" should be deleted; and
Line 57, "invention." should read --invention; and--.

Signed and Sealed this

Eighth Day of June, 2010

David J. Kappos
Director of the United States Patent and Trademark Office

COLUMN 10:

       Line 2, "a" should be deleted; and
       Line 31, "form" should read --forms--.

COLUMN 11:

       Line 33, "projective angle" should read --projective angle G'--;
       Line 35, "far-outruns" should read --far outruns--; and
       Line 54, "α-β-γaxis" should read --α-β-γ axis--.

COLUMN 12:

       Line 8, "tile" should read --tilt--.

COLUMN 14:

       Line 12, "H1-O—H2," should read --H1-O-H2,--; and
       Lines 19-21, ", the cross section of the x-directional V-shaped grove is shown
            as K1'-O-K2" should be deleted.

COLUMN 15:

       Line 6, "plane c a" should read --plane c, a--;
       Line 65, "from" should be deleted; and
       Line 66, "on" should read --from--.

COLUMN 16:

       Line 56, "-15 and +180," should read -- -15 and +18°,--; and
       Line 57, "and" (second occurrence) should be deleted.

COLUMN 18:

       Line 4, "polybutyrenephthalate" should read --polybutylenephthalate--;
       Line 18, "amiosulformate" should read --aminosulfonate--; and
       Line 57, "in" should be deleted.

COLUMN 20:

       Line 12, "Lw-curing" should read --UV-curing--; and
       Line 51, "or locally" (second occurrence) should be deleted.

COLUMN 22:

Line 37, "toward" (second occurrence) should be deleted and "retroreflect"
         should read --retroreflects--;
Line 48, "cc" should read --cube-corner--; and
Line 52, "has" should read --is--.

COLUMN 23:

Line 10, "A-O'-B-H2" should read --A-O'-B-H2)--; and
Line 19, "line linear" should read --linear--.

COLUMN 25:

Line 9, "trajectries" should read --trajectories--; and
Line 15, "point O" should read --point O'--.

COLUMN 26:

Line 46, "A specific" should read --Specific--; and
Line 60, "the directions" should read --three directions--.

COLUMN 27:

Line 1, "do" should be deleted;
Line 19, "A specific" should read --Specific--;
Line 22, "corresponding" should read --corresponding to--; and
Line 31, "used to" should read --used for--.

COLUMN 28:

Line 30, "+70" should read --+7°--; and
Line 53, "title angle" should read --tilt angle--.

COLUMN 30:

Line 4, "+10," should read --+1°,--; and
Line 7, "ex-directional" should read --x-directional--.

COLUMN 32:

Line 34, "and 64.66°" should read --are 64.66°--;
Line 47, "invention's" should read --invention--; and
Line 49, "("IUPILON H3000" should read --("IUPILON H3000"--.

COLUMN 35:

        Line 3, "inventions" should read --invention--; and
        Line 63 Claim 2, "GRz, or GRz)" should read --GLz, or GRz)--.

COLUMN 36:

        Line 47 Claim 5, "GRz, or GRz)" should read --GLz, or GRz)--.

COLUMN 37:

        Line 4 Claim 9, ", the" should read --, and the--; and
        Line 11 Claim 11, ", the" should read --, and the--.